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**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Andrew J. MOSS

Group Art Unit: 2121

Application No.: 10/766,003

Examiner: J. NORTON

Filed: January 29, 2004

Docket No.: 118414

For: IMPROVING STABILITY AND RESPONSE OF CONTROL SYSTEMS

**SUMMARY OF SUBSTANCE OF INTERVIEW**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant's representatives Adam Neff and John Hemenway conducted a telephone interview with Examiner Norton and Examiner Knight on November 14, 2006. A summary of the substance of the personal interview is contained in the following remarks.

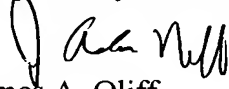
Applicant's representatives reviewed the claim amendments presented in Applicant's Amendment filed on November 7, 2006. Specifically, Applicant's representatives explained that the November 7 Amendment amended claim 1 to include the features of canceled claim 5, and amended claim 7 to include the features of canceled claim 11.

Applicant's representatives explained that, as recited in claim 1 of the present application, the recited control system receives two separate values related to the operation of the controlled apparatus: (1) a required value relating to a desired operating parameter value of the controlled apparatus; and (2) an input value relating to at least one other parameter value of the controlled apparatus.

The representatives further explained that, in contrast, as described in Itoh at col. 3, lines 8-27, with respect to Fig. 1, the control system in Itoh receives only a single value related to the operation of the controlled apparatus, i.e., the actual value of the controllable variable X. Itoh makes no reference to receiving "an input value relating to at least one other parameter value of the controlled apparatus. . . ," and thus does not teach a disturbance compensator that produces "a compensated error signal based on an input value relating to at least one other parameter value of the controlled apparatus . . . ," as recited in claim 1. The Examiner did not disagree with this analysis.

Should any questions arise regarding this submission, please contact the undersigned..

Respectfully submitted,

  
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Registration No. 27,075

J. Adam Neff  
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JAO:JMH/jam

Date: November 27, 2006

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